PISA Backplane

PC-BP2/2(PCW) User's Guide

CONTEC

Package Contents

- The PC-BP2/2(PCW) BackPlane Board
- This User's Manual
- ATX Control 6pin Cable

Features

- 4-Slot PISA Backplane 1 X PCI , 1 X PCI/ISA , 1X PISA
- 6-Layes PCB With ATX and AT Power Connectors
- 3.LED Power indicators: +5V, -5V, +12V,-12V and +3.3V

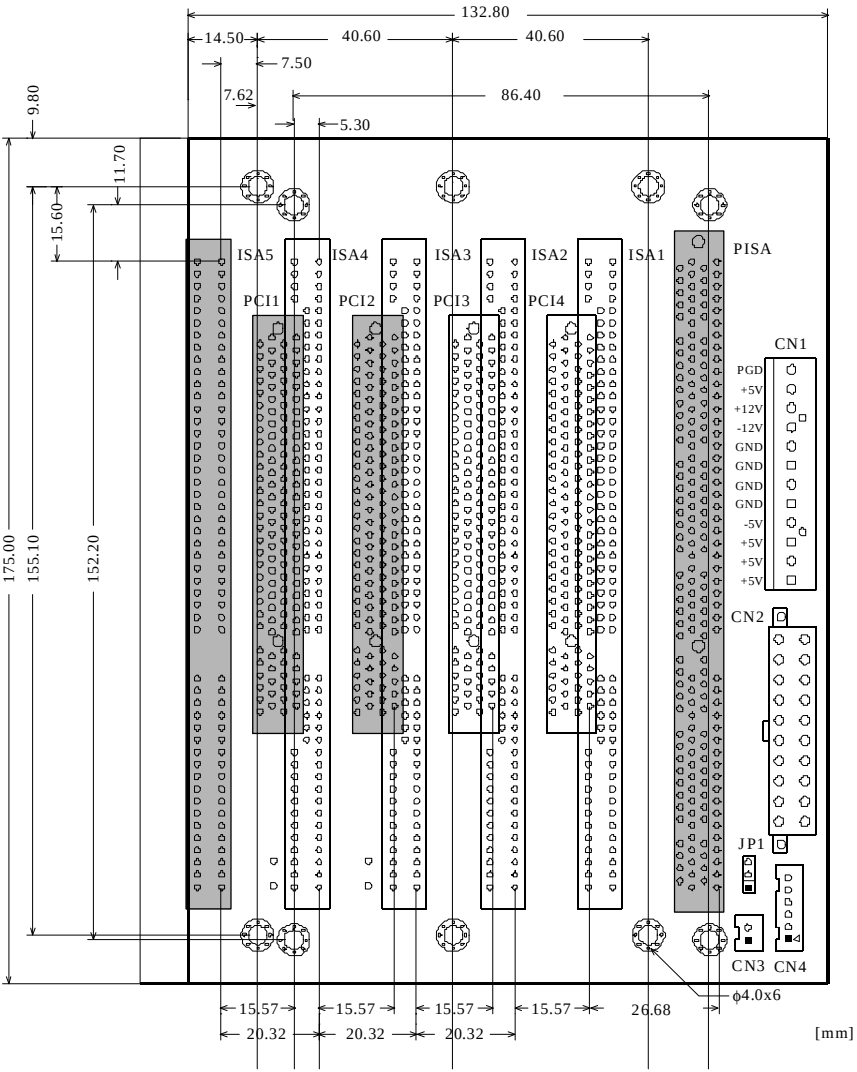
Specifications

Item	Specification
Number of slots	PISA bus slot ×1 PCI bus slot ×1 PCI/ISA bus slot ×1
Operating conditions	0~50ºC, 10~85% (No condensation allowed)
Storage conditions	0~70ºC
Major dimensions (mm)	175.0(L)×132.80(W)×12.0(H)
Weight	210g
Installable unit dimensions	FA-UNIT-F6DR, FA-UNIT-M6RFV, FA-UNIT-F6RFV

Description

PC-BP2/2(PCW) is Backplane board for PISA Bus slot. This Backplane board has one PISA Bus slot, one PCI Bus slot and one PCI/ISA Bus slot for CPU board. PCI/ISA Bus slot is available to use as PCI Bus slot or ISA Bus slot.
And INTA of PCI Bus, INTB of PCI Bus are connected to PCI1 slot, PCI2 slot respectively.

Board Dimension

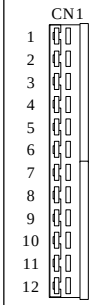


Note!

ISA1~4 and PCI3, 4 slots are not mount.

Jumper Setting and Connectors

AT Power Supply Connector: CN1



PIN No.	Function
1	Power Good
2	+5V
3	+12V
4	–12V
5	GND
6	GND
7	GND
8	GND
9	–5V
10	+5V
11	+5V
12	+5V

Suitable Connector : GTC6P-1(correspond)
Suitable Socket Contact : PCK18-2TR9(correspond)
Maker : BURNDY

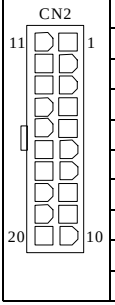
Option Cables.
(one side is solder disposal)
Type : PCA-6P2
Model : Cable length, 36cm(AWG#18), two

ATX Power Supply Connector: CN2

When used with an ATX-compliant power supply that supports remote power on/off, the CPU card can turn off the system power through software control.

To enable soft-off control in software, advanced power management must be enabled in the Setup program and in the operation system. When the system BIOS receives the correct APM command from the operating system, the BIOS turns off power to the computer.

With soft-off enabled, if power to the computer is interrupted by a power outage or a disconnected power cord, when power resumes, the computer returns to the power state it was in before power was interrupted (on or off).



PIN No.	Function	PIN No.	Function
11	+3.3V	1	+3.3V
12	-12V	2	+3.3V
13	GND	3	GND
14	PON	4	+5V
15	GND	5	GND
16	GND	6	+5V
17	GND	7	GND
18	-5V	8	Power Good
19	+5V	9	+5VSBY
20	+5V	10	+12V

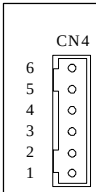
Cable side Connector Maker : Molex
Cable side Connector Type : 5557-20R (39-01-2200)
Cable side Connector Contact Type : 5556

ATX Power Button connector: CN3

PIN No.	Function
2	GND
1	PBTN

Housing: XHP-2(JST)
Contact: SXH-001-P0.6(JST)

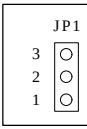
ATX Power Control Connector: CN4



PIN No.	Function
6	+5V SBY
5	PSOUT
4	GND
3	PBTN-IN
2	GND
1	PME

Housing: XHP-6(JST)
Contact: SXH-001T-P0.6(JST)

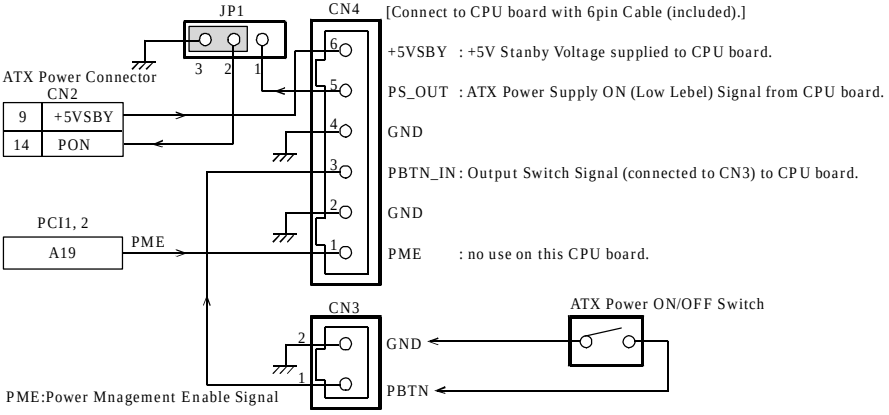
ATX Power ON: JP1



PIN No.	Function
3	GND
2	PBIN
1	PSOUT

2-3 Short : Disable ATX Power Control and set the ATX Power Supply ON always by push switch (use as AT Power Supply). (Default)
1-2 Short : Enable ATX Power Control by push switch.

Connector Block Drawing



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